

GED 2014
Useful Websites for Instructors

Newspapers in Education: <http://nieonline.com/>

Writing Fix (writing prompts): <http://writingfix.com/>

Dictionary: <http://dictionary.reference.com/>

Typing tutorial: <http://www.typingweb.com/tutor/>

Microsoft Digital Literacy:

<http://www.microsoft.com/about/corporatecitizenship/citizenship/giving/programs/up/digitalliteracy/default.aspx>

Northstar Digital Literacy Project: <http://www.digitalliteracyassessment.org/standards.php>

Arlington Education and Employment Program (REEP): <http://www.reepworld.org/>

Goodwill Community Foundation Learn Free: <http://www.gcflearnfree.org/>

A Few Websites to Get You Started!

Free Resources for Educational Excellence. Teaching and learning resources from a variety of federal agencies. This portal provides access to free resources. <http://free.ed.gov/index.cfm>

PBS Teacher Source. Lesson plans and lots of activities are included in the teacher section of PBS. <http://www.pbs.org/teachers>

Purdue University's OWL. One of the most extensive collections of advice about writing found on the web. <http://owl.english.purdue.edu/>

RAFTS Northern Nevada Writing Project. The project includes print materials that may be purchased, as well as access to RAFTS prompts that can be generated electronically. <http://www.unr.edu/educ/nnwp/index.html>

Teaching That Makes Sense. A K-12 site with lots of free resources and graphic organizers from Steve Peha. <http://ttms.org/>

ReadWriteThink. From the International Reading Association and the National Council of Teachers of English, this site has classroom resources and professional development activities in the area of integrated reading, writing, and thinking skills. <http://www.readwritethink.org/>

National Council for Teachers of English. This site provides lessons and strategies for teaching nonfiction text. <http://www.ncte.org/kits/nonfictionlessons>

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- YouTube channel – <http://www.youtube.com/gedtestingservice>
- Common Core State Standards – <http://corestandards.org>

A Few Websites in Science to Get You Started!

ABC Science. News, video clips, games, and lots of activities for the science classroom from the American Broadcasting Company. <http://www.abc.net.au/science/>

Annenberg: The Habitable Planet . The Habitable Planet is a multimedia course for high school teachers and adult learners interested in studying environmental science. The Web site provides access to course content and activities developed by leading scientists and researchers in the field. <http://www.learner.org/channel/courses/envsci/index.html>

Annenberg Science in Focus: Force and Motion. Explore science concepts in force and motion and come away with a deeper understanding that will help you engage your students in their own explorations. With science and education experts as your guides, learn more about gravity, friction, air resistance, magnetism, and tension through activities, discussions, and demonstrations. <http://www.learner.org/channel/workshops/force/>

BBC Science. From space to the human body to, this interactive site allows learners to discover many different facets of science. <http://www.bbc.co.uk/sn/>

Cells Alive. This site can be used by teachers and students. Lots of great interactivity and resources on the basics of cells. <http://www.cellsalive.com/toc.htm>

Discovery Channel. The website has lots more information than even the channel. Lots of interactivity with excellent videos, interactivity, and high-level games. <http://www.discovery.com/>

Exploratorium Online. Since 1993, the Exploratorium was one of the first science museums to build a site on the World Wide Web. The site contains over 15,000 articles and displays including interactivity regarding science. <http://www.exploratorium.edu/>

Franklin Institute. Excellent collection of online resources and activities designed to create curiosity and promote science in everyday life. <http://www.fi.edu/explore.html>

Newton's Apple. NEWTON'S APPLE is a production of Twin Cities Public Television from a grant from the 3M Foundation. The site is filled with free videos for use in many different areas. <http://www.newtonsapple.tv/>

Nye Labs.com This is indeed "Bill Nye, the science guy" with lots of activities and applications for science. <http://www.billnye.com>

PBS: Science & Nature. Highlights and background information on every Science-based PBS program on the air; check out the Science for the Classroom link. <http://www.pbs.org/science/>

The Why Files. University of Wisconsin, Board of Regents. Real world articles to support all areas of science. Click on the "Why Files in Education." <http://whyfiles.org/teach/>

Weather Classroom. The Weather Classroom presents all kinds of online interactive resources for students and teachers; worth investigating. <http://www.weatherclassroom.com/index.php>

A Few Websites in Social Studies to Get You Started!

An Outline of American History. An overview of history and government developed as part of *The American Revolution—an HTML Project*. <http://www.let.rug.nl/usa/>

Daryl Cagle's Professional Cartoonists Index! This site includes cartoons from over sixty cartoonists on a variety of topics, plus a teacher's guide, games, and activities. The site stays current. <http://www.cagle.com>

Digital History. An interactive, multimedia history of the United States from the Revolution to the present. <http://www.digitalhistory.uh.edu/>

The Library of Congress. The Library of Congress has historic documents, as well as timelines and articles that can be downloaded for classroom use. <http://www.loc.gov/teachers/>

- Teaching with the Library of Congress - Blog
<http://blogs.loc.gov/teachers/>
- Classroom Materials – Primary Source Sets from the Library of Congress
<http://www.loc.gov/teachers/classroommaterials/>

Lessons for Economics. Developed through the National Foundation for Teachers of Economics, this site provides a variety of lessons for use in the classroom.
<http://www.fte.org/>

Four Reads: Learning to Read Primary Documents. Take a step-by-step process for learning how to read primary documents. <http://teachinghistory.org/teaching-materials/teaching-guides/25690>

The History Channel. The History Channel provides both historic and current topics, readings, audio and video recordings, and lessons for the classroom. <http://www.history.com/>

National Archives and Records Administration. The website of the National Archives. All types of educational units and copies of national documents are available from this governmental site. <http://www.archives.gov>

National Geographic. This section of the National Geographic website has political, physical, cultural, and weather maps to download for use in the classroom.
<http://maps.nationalgeographic.com/maps>

National Public Radio (NPR) Podcast Directory. All types of podcasts from National Public Radio to assist students in staying informed.
http://www.npr.org/rss/podcast/podcast_directory.php

U. S. Department of State. Basic Readings in U.S. Democracy. From the Mayflower Compact to excerpts from presidential debates, this site from the U. S. Department of State has a variety of resources for use in the classroom.
<http://usinfo.org/enus/government/overview/demo.html>

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PBS Teacher Source. Lesson plans and lots of activities are included in the teacher section of PBS. <http://www.pbs.org/teachers>

Annenberg Learner. Courses of study in such areas as algebra, geometry, and real-world mathematics. The Annenberg Foundation provides numerous professional development activities or just the opportunity to review information in specific areas of study. <http://www.learner.org/index.html>

Illuminations. Great lesson plans for all areas of mathematics at all levels from the National Council of Teachers of Mathematics (NCTM). <http://illuminations.nctm.org>

Inside Mathematics. A professional resource for educators, including classroom examples of innovative teaching methods and insights into student learning. <http://insidemathematics.org/index.php/home>

Khan Academy. A library of over 2,600 videos covering everything from arithmetic to physics, finance, and history and 211 practice exercises. <http://www.khanacademy.org/>

The Math Dude. A full video curriculum for the basics of algebra. http://www.montgomeryschoolsmd.org/departments/itv/MathDude/MD_Downloads.shtm

Math Planet. Math Planet is a dedicated web site to the advancement of mathematics. http://library.thinkquest.org/16284/index_s.htm

Geometry Center (University of Minnesota). This site is filled with information and activities for different levels of geometry. <http://www.geom.uiuc.edu/>

Online Resources for Teaching and Strengthening Fundamental, Quantitative, Mathematical, and Statistical Skills. NICHE. A wide array of resources for the different types of mathematical skills. http://serc.carleton.edu/NICHE/teaching_materials_gr.html#partone

National Library of Virtual Manipulatives for Math - All types of virtual manipulatives for use in the classroom from algebra tiles to fraction strips. This is a great site for students who need to see the "why" of math. <http://nlvm.usu.edu/en/nav/index.html>

Teacher Guide for the TI-30SX MultiView Calculator – A guide to assist you in using the new calculator, along with a variety of lesson plans for the classroom. http://education.ti.com/en/us/guidebook/details/en/62522EB25D284112819FDB8A46F90740/30_x_mv_tg

<http://education.ti.com/calculators/downloads/US/Activities/Search/Subject?s=5022&d=1009>

Algebra 4 All. A website from Michigan Virtual University with an interactive site for using algebra tiles to solve various types of problems.

<http://a4a.learnport.org/page/algebra-tiles>

Working with Algebra Tiles. An online workshop that provides the basics of using algebra tiles in the classroom.

<http://mathbits.com/MathBits/AlgebraTiles/AlgebraTiles.htm>

Teaching Algebra Using Algebra Tiles. An instructor site that provides information on teaching algebra, as well as basic algebraic concepts.

http://www.jamesrahn.com/homepages/algebra_tiles.htm

Key Elements to Algebra Success. 46 lessons, homework assignments, and videos.

<http://ntnmath.keasmath.com/>

Real-World Math Sites

The Futures Channel.

http://www.thefutureschannel.com/algebra/algebra_real_world_movies.php

Real-World Math. <http://www.realworldmath.org/>

Get the Math. <http://www.thirteen.org/get-the-math/>

Math in the News. <http://www.media4math.com/MathInTheNews.asp>

CTL Resources for Algebra. The Department of Mathematics. Education University of Georgia. <http://jwilson.coe.uga.edu/ctl/ctl/resources/Algebra/Algebra.html>

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- YouTube channel – <http://www.youtube.com/gedtestingservice>
- Common Core State Standards – <http://corestandards.org>